

Cracklin' Static

November 2020 Edition



**Zoom Virtual
meeting this
month Dec. 5
See page 4....**

SNARS NET on DMR – Tuesday 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances

Account as of 11/29/2020

Operating	\$7,397
Savings	\$10,852
Self Insurance	\$9,979
PayPal	\$1,751
Convention	\$4,295
Total	\$34,274

Net Monthly \$536
Net YTD \$6,191

Renewals 18

SNARS Membership as of 11-28-20

Extra	142	34%
General	136	33%
Technician	117	28%
Advanced	14	4%
No License	0	0%
License Expired	2	1%
Novice	1	0%
Total	412	

SNARS ARRL Members

Regular	232	56%
Life	40	10%

PRESIDENT'S VOICE

President John Byerly, N7ROJ

Email: mtnlion@gmail.com



Hello everyone! I hope everybody enjoyed their Thanksgiving and was safe and sound.

Elections for the Board of Directors and our updated bylaws is underway. You should have received your electionrunner email and voting is easy! As of when I wrote this article, almost 100 people have voted.

Please take the time to vote.

With the sharp uptick in new COVID cases, of course, in-person meetings are still off the table, but it seems Zoom is still working out as the best alternative. We have more people joining for each meeting. If you need assistance, please let us know. We want to make sure everyone has the opportunity to partake. All it takes is a smartphone or tablet, or even a computer. Setup is easy and it's free to join the meetings.

I want to wish you all a safe and enjoyable holiday season. Please stay safe and sane. See you all on the air!!

John/N7ROJ



PO BOX 7727 Reno NV 89510
 Yearly Dues: \$40.00 Individual • \$50.00 Family
 775.453.4142 <http://snars.org>

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 Vice-President.....John Miller N7JDM
 Treasurer.....Bill Jones, AE7OX
 Secretary.....Anthony Marcin, W7XM
 DirectorWes Vick, KG7QXE
 DirectorJim Shepherd, W6US
 DirectorBarry Bettman, K6ST

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Cracklin StaticHowie Holden, WB2AWQ
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 Youth Involvement.....Barry Bettman K6ST
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 DMR Net ManagerAnthony Marcin, W7XM
 Reno Ham SwapVacant
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Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Offline

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

Thank you to our Sponsors/Supporters



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newslane	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

SNARS Weekly DMR Net – Tuesdays
8:00PM

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

Ham Radio Night at the REOC Wednesday, is CANCELLED until further notice

SNARS Board Meeting Wednesday, 6:00PM
December 9, Location and mode TBD

One Day Ham Review Saturday, Dec 12, 2020, 9 AM
 Washoe REOC Visit <http://snars.org/classes> for more information on the One Day Ham Review/Ham Cram (You MUST pre-register for this!)

Next months SNARS Breakfast Meeting – Jan 2
Location and media mode tentative depending on Board decision and local restrictions.

WELCOME NEW MEMBERS

(As of 11-28-20)

Stacie	Mahoney	KJ7RNN
Arthur	Wolf	KM6HIE
Richard	Kiern	KJ7RFK
Cletus	Goddard	SWL
Lee	Hernandez	KM4RJA
Jason	Hill	KJ7IFE
Kaili	Hill	KJ7IFZ
Joylene	Hill	SWL
Kashlin	Hill	SWL
Bob	Carlstroehm	KK6HSDI
Shannon	Bryant	KJ7ROU
Jason	Barlow	KJ7ROO
David	Kijewski	KI7VBY

SNARS Virtual Monthly Meeting

SNARS (virtual on zoom conferencing) Monthly Meeting on Saturday 12-5-2020 8:00a PST

Topic: SNARS
Election &
other cool
stuff



Come, see the
real-time final
results of the
SNARS Elections
and learn about
other cool stuff.

TO REGISTER go to: <https://zoom.us/meeting/register/tJcsceGrqigtEtHOr22aUk7krv6-7aUyQtVh>

Any questions, email Barry k6st@arrl.net

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

The High and the Low

There is one band where every ham in the club has single sideband (SSB) voice privileges—the 10 meter band. From 28.300 up to 28.500 MHz using upper sideband (USB) every ham in the club can ragchew, pass traffic, have nets, and most importantly, work DX. With a simple wire dipole that just costs a couple of dollars to build, you can talk around the world, sometimes...

10 meters is sensitive to the whims of propagation. It requires a good 'reflector' in the ionosphere. During the day, the F2 layer provides this and it is enhanced by good numbers of sunspots. At night, the F2 layer disappears and the band usually goes dead. There is also sporadic E propagation. It can also be used locally out to 40-50 miles even when the band is totally dead.

We have a net that is run locally on 10 meters every Sunday at 1400 hrs local on 28.350. This net can be interesting in times of good propagation when DX stations will join in on the fun. The net is a good place to start with your 10 meter operation.

Obviously, you will need a radio that will operate SSB on the 10 meter band. They range from very high end transceivers to radios like the Ranger that can be found for less than a good handheld. Novices and Technicians are limited to 200 watts power, but that is not a handicap for when the band is open, you can work Australia on 5 watts and get a S9 signal report... A HF mobile radio is probably the best starter radio as they usually have 100 watts, a decent receiver, and will let you get on the other HF bands consistent with your license class. A lot of them also do 6 Meters and even 2 meters and 70 cm!

A simple wire dipole is easy to construct, and it is easy to erect higher than half a wavelength above the ground (about 16'). The higher, the better as it will allow the signal to be propagated at a lower take off angle. Verticals are also effective—I have used a Hamstick™ mobile antenna to work the 10 Meter contest and came in 3rd place in the Nevada Section with lots of DX. The best setup is a multi element beam high on a tower, but we can all wish...

There are operating activities that can be a lot of fun. The 10 Meter contest is the second full weekend in December and there is a lot of activity. 10 meters can be run in a single operator, single band category in most big contests and you stand a really good chance of ending high in the Nevada Section results. Mobile operation works well, and one memorable contact I had was a discussion about fishing when I was driving to fish Wildhorse while the ham on the other end was driving home from fishing at a local lake in Argentina. Since 10 meters is basically a daytime activity, it leaves the evening for family activities, and the night for sleeping!

On the other end of the HF spectrum is the 160 meter band. Located just above the AM broadcast band, this is usually characterized by large antennas and higher power. A half wave vertical antenna would be about 265 feet tall and would definitely get noticed by your local HOA. The average residential lot doesn't have enough space to put up a half wave dipole in an inverted V configuration with the apex at 60'. Compromise antennas with big loading coils can be used with the attendant loss of efficiency for transmitting along with being noisy on receive. Unless you have some acreage, the full sized antennas and Beverage receive antennas are out of reach. 160 is good for local contacts, and most of the activity is local rag chewing. The WSJT-X modes are working for nighttime cross country and occasional DX contacts with the smaller antennas. There are several 160 meter contests including one this month, the ARRL 160 CW contest December 4-6.

We are starting to see the sunspot numbers rising, and this bodes well for the 10 meter contest. It will get a lot of hams on the air and there will be a lot of contacts on the supposedly dead band. This will be the kickoff for increased activity on the band as word spreads of the 'opening' that will be caused by lots of folks calling CQ...

Even if you are not into contesting, do a little listening on these two bands during their contests this month. You will be able to get a good idea on the propagation and activity on these two bands!

MIKE'S MISSIVES CHAPTER FIFTY THREE

Mike Katz, N7MSK

AMSAT Information

Something I occasionally hear from AMSAT members is that they are seeking more and regular communications about the organization. AMSAT publishes information to members in the form of short articles delivered in the AMSAT News Service. If you are not subscribed to receive this free weekly email news service, please do so on our website. In addition to the AMSAT News Service, <https://www.amsat.org/mailman/listinfo/ans> meeting minutes from our board of director meetings are posted on our website along with other official documents. Lastly, if you are curious as to the status of a particular program or initiative at AMSAT, contact our office via email at info@amsat.org. Your email will be forwarded to the appropriate contact person within the organization for response. Feel free to copy me directly, w5pfg@amsat.org. I love hearing from our members.

From: AMSAT Journal - by Claton Coleman W5PFG, President

SHORT TAKES (By Jim Shepherd W6US)

Contest Calendar

The first full weekend in December is the CW 160 contest. The second full weekend is the 10 meter contest. You can find the full rules for these two contests at <http://www.arrl.org/160-meter> or <http://www.arrl.org/10-meter>. There are a bunch of other small contests scattered throughout the month. You can get the full information about other contests at <https://www.contestcalendar.com/contestcal.html>

DX

There are lots of other stations who might be on the air from their home QTH operating as they are in the same situation that we are with Covid19. Look for some good DX during the 10 meter contest. More information can be found at <https://www.ng3k.com/Misc/adxo.html>

NAME THAT RIG

(Answer on page 9)



YOUTH INVOLVEMENT

Last month at the November monthly SNARS Virtual meeting, we had great interaction with the UNR Amateur Radio Club. Thanks to Nathan KN6FFU, President of the UNR Amateur Radio Club for his and Lisa KN6KEA (Treasurer) for their engaging presentation. Subsequently, many SNARS members expressed interest and willingness to help out the UNR Amateur Radio Club in the way of Elemering, Ham Radio Skills, and Contributions.



Nathan KN6FFU and the UNR Amateur Radio Club expressly says "THANK YOU" to SNARS Members for their generous assistance. So far Nathan is trying out a donated Elecraft K1 cw transceiver and Lisa KN6KEA is now on DMR with the donation of a CS700 DMR HT thanks to Bob W7VD.

SNARS will continue to help the chameleon antennas the rest of this year, into 2021 and beyond. If you are interested in supporting the chameleon antennas in any way, please contact K6ST Barry k6st@arrrl.net

The youth is the future of ham radio and SNARS is on the leading edge with the new future bright minds in our amateur radio hobby.

ARRL KIDS DAY



Saturday, January 2nd, 2021, 10a - 4p PST

Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grandkids, a Scout troop, a church or the general public!



For more Info on ARRL Kids Day, visit www.arrrl.org/kids-day

Kids Day is designed to give on-the-air experience to young people and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children.



SNARS members and guests interested?

Contact K6ST Barry k6st@arrrl.net to brainstorm ideas for this upcoming ARRL Kids Day event.

73,

Barry K6ST - k6st@arrrl.net

Nevada Section Youth Coordinator

ARRL (American Radio Relay League) www.arrrl.org

The national association for amateur radio

<https://twitter.com/barrybettman>

<http://www.linkedin.com/in/barrybettman>

W7SSB's FUN STUFF

THE STORIED HISTORY OF THE HAM RADIO CALL SIGN

Who knew? Please read this great article from eHam.net
<https://www.eham.net/article/38849>

FCC call sign information:

A unique call sign is assigned to each amateur station during the processing of its license applications. Each new call sign is assigned sequentially using the sequential call sign system, which is based on the alphabetized regional-group list for the licensee's operator class and mailing address. The station is reassigned its same call sign upon renewal or modification of its license, unless the licensee applies for a change to a new sequentially assigned or vanity call sign on FCC Form 605.

The vanity call sign system offers you the opportunity to request a specific call sign for your primary station and for your club station. A vanity call sign is selected by the FCC from a list of call signs requested by the station licensee or license trustee.

When transmitting in conjunction with an event of special significance, an amateur station may transmit the identification announcement using a [special event call sign](#). Substituting a special event call sign may help call attention "on-air" to a station's participation in the special event and to the unique opportunity for the amateur service community to exchange greetings with the station.

Famous Ham Operators.

<https://www.qsl.net/w5www/famous.html>

RECIPROCAL OPERATING ARRANGEMENTS

Citizens of Canada holding an amateur service license granted by the Government of Canada and citizens of countries holding an amateur service license granted by a country with which the United States has made reciprocal operating arrangements are authorized by [47 C.F.R. § 97.107](#) to be the control operator of an amateur station transmitting from a place where the Amateur Radio Service is regulated by the Federal Communications Commission (FCC).

The countries with which arrangements are in effect are: Antigua and Barbuda, Argentina, Australia, Austria, The Bahamas, Barbados, Belgium, Belize, Bolivia, Bosnia-Herzegovina, Bot-

swana, Brazil, Chile, Colombia, Costa Rica, Croatia, Cyprus, Denmark (including Greenland), Dominica, Dominican Republic, Ecuador, El Salvador, Federated States of Micronesia, Fiji, Finland, France [including French Guiana, French Polynesia (Gambier, Marquesas, Society, and Tubuai Islands and Tuamotu Archipelago), Guadeloupe, Ile Amsterdam, Ile Saint-Paul, Iles Crozet, Iles Kerguelen, Martinique, New Caledonia, Reunion, Saint Pierre and Miquelon, and Wallis and Futuna Islands], Federal Republic of Germany, Greece, Grenada, Guatemala, Guyana, Haiti, Honduras, Iceland, India, Indonesia, Republic of Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kiribati, Kuwait, Liberia, Luxembourg, Macedonia, Republic of the Marshall Islands, Mexico, Monaco, Netherlands, Netherlands Antilles, New Zealand, Nicaragua, Norway, Panama, Paraguay, Papua New Guinea, Peru, Philippines, Portugal, Seychelles, Sierra Leone, Solomon Islands, Republic of South Africa, Spain, St. Lucia, St. Vincent and the Grenadines, Surinam, Sweden, Switzerland, Thailand, Trinidad and Tobago, Turkey, Tuvalu, United Kingdom [including Bermuda, British Virgin Islands, Cayman Islands, Channel Islands (including Guernsey and Jersey), Falkland Islands (including South Georgia Islands and South Sandwich Islands), Great Britain, Gibraltar, Isle of Man, Montserrat, Northern Ireland, Saint Helena (including Ascension Island, Gough Island, and Tristan Da Cunha Island), and Turks and Caicos Islands], Uruguay, and Venezuela.

UNIVERSAL RADIO CLOSING

Fred and Barbara Osterman N8EKU and KC8VWI are retiring!

https://qrznow.com/universal-radio-is-closing-shop/?fbclid=IwAR1S06ICGwjfm57sQp2t4EnqZxAKP4ZiP00Oi6LuJUTFhA0fugCM0g_3q



EDITOR's NOTE: Don's column will appear when he has time to send me stuff. He's been a busy man of late (that's good!). So enjoy when the opportunity arises.

FUN STUFF FOR DECEMBER

December has three ARRL/NCJ sponsored contests, shown in BOLD, but there's not a whole lot else going on in December as people get ready for the Holidays.

4 Dec 2200 to 6 Dec 1600 1.8 ARRL 160-Meter Contest CW
www.arrl.org/160-meter

12 Dec 0000 to 13 Dec 2359 28 ARRL 10-Meter Contest CW Ph
www.arrl.org/10-meter

19 Dec 0000 to 19 Dec 2359 1.8-144 RAC Winter Contest CW Ph
www.wp.rac.ca/rac-canadawinter-contest-rules

20 Dec 1800 to 20 Dec 2359 3.5-28 ARRL Rookie Roundup, CW
www.arrl.org/rookie-roundup

26 Dec 1500 to 27 Dec 1500 1.8 Stew Perry Topband Challenge CW
www.kkn.net/stew

For full details, visit the websites, and for other contests see: <http://www.arrl.org/files/file/Contest%20Corral/2020/November%202020%20Corral.pdf>

If you're not into contests, there's always DX to chase! We're still seeing the effects of Covid-19, and with the Holidays approaching, there's only two DX stations listed so far for December. Think we're going to be this way for a while yet. Greenland isn't the rarest of DX but still a nice catch, and Rotuma isn't too bad either.

Nov 29 to Dec 16 Greenland OX3LX
Dec 15 to Jan 15 Rotuma 3D2AG/p
Check <https://www.ng3k.com/Misc/adxo.html> for updates on DXpeditions!

RENO QRP SLOW SPEED CW NET

NET REMINDER RENO QRP SLOW SPEED CW NET TIME 11:00 AM

NEXT NET SESSION WILL BE TUESDAY, DECEMBER 1, 2020
Target frequency is 7.045 MHz If not in use, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT

NAME RST LOCATION RIG POWER ANTENNA.
REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accom-

plish two things.

First It gives you and everybody else practice sending and copying.
Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.
73/72
Ed/WD7Y

NAME THAT RIG (from page 6)

In the fifties and sixties, **Lafayette Radio** (1931 to 1981) was a major player in the ham radio game with stores on the east coast, and a catalog that was distributed nationally. The **HE-50** (pictured) transceiver for 10 meters, and the **HE-45** for six meters were some of Lafayette's most popular radios. The original (no A, B etc., designators) units featured 5 crystal and one VFO input, a tunable receiver covering the entire 6 or 10 meter band, and an S-meter. They had 8 tubes plus a vibrator giving either 12VDC or 120VAC operation. 12 watts power output was provided via a 2E26 power tube. While not the most sophisticated or high performance radios around, they enabled many an amateur to get on 6 or 10 meters either mobile or base, very inexpensively at \$110. The **HE-50** and **-45** were sold throughout most of the 1960s. There was also a CB version, which yours truly had for a few years, and converted easily to 10 meters.

FIELD DAY RESULTS

This year's Field Day was a little different than past year's efforts. Instead of gathering all in one place like Washoe Lake State Park, everyone was on their own to operate either from home or a solo shot in the field. The scores from all of the club members operating from all these different stations were combined to make a total score for SNARS. The grand total was 5357 points which put SNARS comfortably ahead of all the other club entries in Nevada.

Club	Score	Members
SNARS	5357	13
Pahrump amateur radio repeater Assoc	2032	39
Amaragosa ARC	1524	1
SIERA	1497	5
Comstock ARA	753	4
Amateur Radio of Churchill County	598	1
Sun City Summerlin ARC	262	1
Virgin Valley ARC	234	2
ElkoARC	134	1
Henderson ARC	74	1
Carson Valley RC	60	1

There were a couple of individuals in Nevada that sent their scores to a couple of California clubs, as well as a couple of operators who didn't specify a club. We had one Multi-Op station, they were running CW, and they got the high score. The team of Howie and Ken, WB2AWQ and KB2SFS, piled up a score of 1950! Here is how everyone did:

Call	score	Category	QSOs	power	OPS
WB2AWQ	1,950	2D	450	Low	2
W6US	966	1D	204	Low	1
KM6DZ	622	1D	143	Low	1
W7VD	512	1D	119	Low	1
N7ROJ	320	1E	17	QRP	1
K6ST	282	1D	8	Low	1
K6CZH	282	1B1	66	Low	1

(continued on page 12.....)

NV QSO PARTY HIGHLIGHTS

RON KG7OR

Here's a Nevada QSO Party photo, the antenna I'd set up in order to reach the SNARS repeater system through Mt. Rose. That's a straight shot of around 115 miles from here--I'm about 30 miles south of Sacramento (San Joaquin Valley section). Great signals both ways; made 37 NV contacts via Mt. Rose, plus 11 more on HF. You're right, it was a smashing success!

73,

--Ron Russell, KG7OR

Lodi, CA



SKIP K6DGW

I operated SO HP AB CW as K7RN remote to W7RN. Turnout was light years ahead of previous years. I don't know if there were any other NVSTO stations on, but I had plenty of pileups to work. I had gravitated to the 7QP over the NVQP because of way more activity, but if this keeps up and COVID doesn't get me, I'll be back next year. I left most of my hearing on a mtn top on the other side of the planet in my 20's and SSB is a lot of work, but next year, I'll try and get some phone time in and increase my total op time as well. The 10 meter Q was K2RD [Reno] who suggested we get at least one Q on 10. Cycle 25 is already peeking over the wall so next year could be much better. I resubmitted my log, apparently it got waylaid the first time.



NV QSO PARTY Summary Sheet

Start Date : 2020-10-10

CallSign Used : K7RC

Operator(s) : K6DGW

Station : W7RN [remote 1]

Operator Category : SINGLE-OP

Band : ALL

Power : HIGH

Mode : CW

Default Exchange : NVSTO

Gridsquare : DM09EI

ARRL Section : NV

Club/Team : Northern California Contest Club

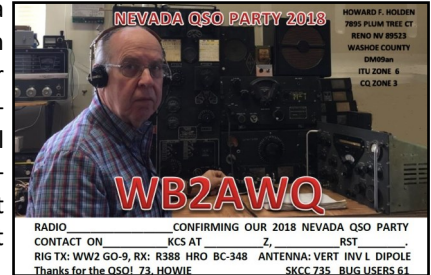
Opr Time : 9:00 hrs

Band	QSOs	Pts	Mul	Mt2	Pt/Q
7	120	354	47	1	3.0
14	105	312	48	1	3.0
21	63	189	29	1	3.0
28	1	3	1	1	3.0
Total	289	858	125	4	3.0

Score : 110,682

HOWIE WB2AWQ

Best NV QSO party we've had! Band conditions were not bad considering Old Sol's anemic condition. Made most of my QSOs using a WW2 GO-9 transmitter with a keying circuit so I could run my memory keyer, and either a 1938 National HRO or a Hallicrafters SX-101A receiver all fed with my low/stealthy antennas. Yeah I know that's not how the "big boys" do it, but that's part of the fun for me.



98 QSOs between 80, 40, and 20 meters, limited time, strictly CW, with 49 band sections and two NV counties made for a claimed score of 14,994. 73, Howie WB2AWQ

SOAPBOX ENTRIES FROM NVQSO PARTICIPANTS

tnx for QSO party and contact, 1W from Chicago, IL 73 de ab9bz
Didn't hear many Silver Staters, but it was fun searching them out.
Thanks for setting up the party! 73, Dave **K5IX**

Single Operator from Home QTH, Dyer, NV. NVESM Esmeralda County. All CW on a Straight Key (I did use the rig keyer memory to call CQ some, 90 watts to a 133 foot long end fed antenna up 25 feet, flat top configured (N to S) . No logging program, manual cabrillo entry.
W7WOW

This was another last minute multi-contest remote operation from NX6T in Fallbrook. In addition to AZ, PA & SD QSO parties, I found time to look for NV stations and was disappointed in the sparse W7 turnout for their own QSO party. Read more about this GiG at: <http://WQ6X.Blogspot.Com> **WQ6X**

Usually I am lucky to make 1 contact for this contest. NV rules allow FT8 QSOs using Field Day mode, and I made 2 that got me another multiplier. I even managed a 15m CW contact when the band opened. The best I have ever done in this contest. Great fun!
K4VBM GA

(Continued on pg 11.....)

NVQSO PARTY HIGHLIGHTS

(continued from previous page)

Not easy to find Nevada stations on the bands. Happy to find and work at least 2 for the State QSO party challenge. **DL3DXX**

Only heard one station here in Massachusetts. **N1AXD**

Surprised I did not hear many NV stations on CW on 20 or 40 mtr
Still need NV for LoTW WAS **N2BZD**

Wish there could be more activity from NV stations. A lot of competition from the other 3 QSO parties going on. You might consider the format of the Maine QSO Party a few weeks back where out of state stations could work other out of state stations for one point credit. This would make it much more enticing for other out of state stations to participate in your QSO Party. 73's Bill **KV0I**

Good contest. However, (this is NOT a fault of NVQSO) it should be a policy that all state QSO parties use the same exchange format so QSOs could be seamlessly inter-logged when QSO parties fall on the same date. **WB2AWQ**

camp right on the county line, nothing out here but the old hiway. The other qso parties going on at the same time really made it a challenge **NV7LV**

K3/10 driving a Ten Tec 405 amp to 50 watts out, to a pair of 60' dipoles up about 45' fed with ladder line and an old Matchbox tuner. Thanks for the Party! C U next time, 73, Dan **KE0TT**

Thanks for good ears and antennas in NV hearing my 2-watt QRP signal!! Rig: Softrock RXTX Ensemble, Quisk S/W xcvr, 1/4-wave vertical, 32 radials. 73/72!-- Ben **AC2YD** --

NV QP team, thanks for this contest. It was a pleasure to work all the guys/gals in my home state. Soapbox comment: having the contest on the same weekend as the Arizona and Pennsylvania QPs is a mixed blessing. It creates a lot of added activity for Nevada operators, but for out-of-staters trying to work Nevada, the challenge is daunting. There are far more AZ & PA stations on the air, which means constant QRM while searching for the elusive NV signal amid the avalanche of other-state QSOs. On the other hand, FB for including repeater contacts. My ability to get into the SNARS system, thanks to that super machine at Mt. Rose, upped my score exponentially. FB! 73, Ron Russell, **KG7OR** Lodi, CA

Another fun expedition! Only a two county line this year, but just as much fun. **KG7D**

TOO MANY QPs to score using Excel.... TR4W needs to create a 4QP config for this. Testing the remote station during my annual maintenance trip to IN **KJ9C**

NEVADA QSO PARTY RESULTS

Almost all of the work on the NVQSO Party is completed, only the making of the plaques for the big winners remains. We had about three times as many logs returned this year over last year, and the

logs were bigger on average! Every county in the state was activated although a couple had very few contacts and no logs turned in. Nevada logs contained 72 different sections and 30 DX countries... The Big Gun on the contest was K2RD, Ira Stoler, right here in Reno. He had a score of 934,724 with 1627 contacts and 266 multipliers for his official score. This was a tremendous effort and he activated all of the HF bands from 160 to 10 meters.

The complete list of logs and certificates can be found at <http://nvqso.com/2020-results/>

FIELD DAY RESULTS (cont'd from page 10)

W6DSG	132	1D	41	Low	1
W7DBE	140	1D	23	Low	1
KF7KTC	70	1D	10	Low	1
KM6CQ	checklog1D		12	High	1
KG7QXE	checklog1B1		26	Low	1

The category is the number of transmitters with 'D' being a home station, 'E' being a home station running on emergency power, and 'B1' being a battery operated field station. Besides the QSOs, the stations could pick up some bonus points for other activities like publicity and using the web applet to send in their scores.

This was a great job done by all the members that participated, but with a club having over 400 members we really should have had more stations on the air. Hopefully we can go back to the field in a group next year and have a whole lot more members making contacts!

ARES NEWS

We plan to go forward with the One Day Ham Cram on December 12. Anyone who plans to attend the Technician or General Test review MUST register at <http://snars.org/classes> as the contact information is the only way to let you know if we are forced to cancel the event.

I Hope everyone has a safe Holiday.

Bob Miller WA6MTY

Emergency Coordinator for Washoe County

Amateur Radio Emergency Service

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Board of Directors Meeting Minutes

November 11, 2020 - 6pm

At Chin Chin plus Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Anthony Marcin, W7XM	P	Barry Bettman, K6ST	P	John Miller, N7JDM	P
Bill Jones, AE7OX	P	John Byerly, N7ROJ	P	Wes Vick, KG7QXE	P
Jim Shepherd, W6US	P	Doug Edmondo, W7DBE	P		

2. Approval of Minutes - Discussion/Action

The October 9, 2020 meeting minutes were approved

3. Approval of Agenda - Discussion/Action

The November 11, 2020 Agenda was approved

4. Reports

President's Report – Work at the Ophir site is moving along well. In person meetings are still not possible.

B. Secretary Report

a. Membership Status – 414 Members
Insurance was paid

Treasurer

Closing balances, Oct 31, 2020

Operating \$8,558, Savings \$10,647, Self Insurance \$9,559, PayPal \$678, Convention \$4,295

Total \$33,737

Net Monthly \$355

Net YTD \$5,655

Notes:

Paid Mercer Insurance for liability and D&O insurance - \$454.50
Moved \$2,000 from PayPal to Operating account
Moved \$210 from Operating account to Savings account
Moved \$420 from Operating account to Self-Insurance account

Technical Team – Tom Barry rebuilt a 220 machine which is available for the club. The six meter was also rebuilt and split into two sections for remote receive / xmit mounting. As noted the Ophir D.C. Project is moving along nicely.

Control Operators / Trustee – No Report

C. Events

NVQSO Report – Results should be out in a couple of days.

D. Education & Youth Activities

The UNR Radio club is very happy with all of the offers for help.

Noon Net - Noon Net Manager New NCO – Mike Moore AF6A

5. Old Business

A. Members Only Website – Update. Tony is looking at the HAM swap site, still working on the members area. Wes asked about a “Store” and options were discussed including a third party who could print and ship for us for remote members and until we can meet again.
In Person Meetings – see president's report

6. New Business

A. Election Status – Ballots should be issued in a few days electronically and by Post for the one or two members without Email accounts.
Donation to UNR Ham Radio Club – Barry will find out what others are donating. Board tabled this until we know what we should be donating.

7. Public Comments

There were no public comments.

8. Adjournment - Action

A. Next Meeting: December 9, 2020. Location TBD
Meeting adjourned at 1900.